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Sheet 1 of 1**Complete if Known**

Application Number	
Filing Date	
First Named Inventor	
Art Unit	
Examiner Name	
Attorney Docket Number	

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-4486,075	12-04-1984	S.R. COHEN	
		US-4,549,790	10-29-1985	R. J. HARRIS	
		US-4,614,412	09-30-1986	S.R. COHEN	
		US-4,624,539	11-25-1986	P. C. KING	
		US-4,733,956	03-29-1988	F. A. ERICKSON	
		US-4,895,435	01-23-1990	G. D. SHOMPÉR	
		US-5,235,469	08-10-1993	R. C. HORIAN	
		US-5,237,459	08-17-1993	A. STRAUSS	
		US-5,566,030	10-15-1996	C. C. YUE	
		US-5,579,133	11-26-1996	G. D. ALACK + AL.	
		US-6,076,934	06-20-2000	H. H. GERDES	
		US-6,193,380	02-27-2001	R. A. JACOBS	
		US-6,270,225	08-07-2001	R. J. GOOLSBY	
		US-6,315,419	11-13-2001	G. E. PLATZER JR.	
		US-6,390,632	05-21-2002	J. G. PALATHINGAL	
		US-6,439,729	08-27-2002	N. KOUKICH	
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

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